

# Standards published

New International Standards published between 01 November and 30 November 2018

<sup>1</sup> delayed publication of language version

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

			Price group
<b>IIW</b>		<b>International Institute of Welding</b>	
ISO 18785-1:2018	en fr	Friction stir spot welding — Aluminium — Part 1: Vocabulary	A
ISO 18785-2:2018	en fr	Friction stir spot welding — Aluminium — Part 2: Design of weld joints	A
ISO 18785-3:2018	en fr	Friction stir spot welding — Aluminium — Part 3: Qualification of welding personnel	B
ISO 18785-4:2018	en fr	Friction stir spot welding — Aluminium — Part 4: Specification and qualification of welding procedures	B
ISO 18785-5:2018	en fr	Friction stir spot welding — Aluminium — Part 5: Quality and inspection requirements	B
<b>PC 294</b>		<b>Guidance on unit pricing</b>	
ISO 21041:2018	en	Guidance on unit pricing	C
<b>TC 17</b>		<b>Steel</b>	
ISO 20915:2018	en	Life cycle inventory calculation methodology for steel products	E
ISO 16172:2018	en	Steel sheet, metallic-coated by the continuous hot-dip process for corrugated steel pipe	B
<b>TC 20</b>		<b>Aircraft and space vehicles</b>	
ISO 20949:2018	en	Aircraft — Smart contactor — General requirements	D
<b>TC 21</b>		<b>Equipment for fire protection and fire fighting</b>	

ISO 21927-2:2018	en	Smoke and heat control systems — Part 2: Specifications for natural smoke and heat exhaust ventilators	G
ISO 21927-5:2018	en	Smoke and heat control systems — Part 5: Powered smoke exhaust systems — Requirements and design	C
<b>TC 22</b>		<b>Road vehicles</b>	
ISO 16750-1:2018	en	Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 1: General	C
ISO 19206-1:2018	en	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 1: Requirements for passenger vehicle rear-end targets	D
ISO 19206-2:2018	en	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 2: Requirements for pedestrian targets	E
ISO 17949:2013/Amd 2:2018	en	Impact test procedures for road vehicles — Seating and positioning procedures for anthropomorphic test devices — Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions — Amendment 2	XZ
ISO/TR 21959-1:2018	en	Road vehicles — Human performance and state in the context of automated driving — Part 1: Common underlying concepts	D
ISO/TR 21974-1:2018	en	Naturalistic driving studies — Vocabulary — Part 1: Safety critical events	A
ISO 19825:2018	en	Road vehicles — Liquefied petroleum gas (LPG) refuelling connector	D
ISO 20766-1:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 1: General requirements and definitions	B
ISO 20766-2:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 2: Performance and general test methods	B
ISO 20766-3:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 3: 80% stop valve	A
ISO 20766-4:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 4: Level indicator	A
<b>TC 23</b>		<b>Tractors and machinery for agriculture and forestry</b>	
ISO 4254-16:2018	en fr	Agricultural machinery — Safety — Part 16: Portable agricultural grain augers	C
ISO 18497:2018	en fr	Agricultural machinery and tractors — Safety of highly automated agricultural machines — Principles for design	C
ISO 8759-1:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO	A
ISO 8759-3:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 3: Power take-off: General specifications and location	A

ISO 8759-4:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 4: Three-point linkage	A
ISO 11783-3:2018	en fr	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 3: Data link layer	G
<b>TC 24</b>		<b>Particle characterization including sieving</b>	
ISO 3310-2:2013	fr <sup>1</sup>	Test sieves — Technical requirements and testing — Part 2: Test sieves of perforated metal plate	B
<b>TC 27</b>		<b>Solid mineral fuels</b>	
ISO 11760:2018	en	Classification of coals	B
ISO 12900:2018	en	Hard coal — Determination of abrasiveness	B
<b>TC 28</b>		<b>Petroleum and related products, fuels and lubricants from natural or synthetic sources</b>	
ISO 17197:2014	fr <sup>1</sup>	Dimethyl ether (DME) for fuels — Determination of water content — Karl Fischer titration method	B
<b>TC 29</b>		<b>Small tools</b>	
ISO/TS 13399-403:2018	en	Cutting tool data representation and exchange — Part 403: Creation and exchange of 3D models — Modelling of driven tool units	E
<b>TC 31</b>		<b>Tyres, rims and valves</b>	
ISO 28580:2018	fr <sup>1</sup>	Passenger car, truck and bus tyre rolling resistance measurement method — Single point test and correlation of measurement results	E
<b>TC 34</b>		<b>Food products</b>	
ISO 15151:2018	en	Milk, milk products, infant formula and adult nutritionals — Determination of minerals and trace elements — Inductively coupled plasma atomic emission spectrometry (ICP-AES) method	D
ISO 21424:2018	en	Milk, milk products, infant formula and adult nutritionals — Determination of minerals and trace elements — Inductively coupled plasma mass spectrometry (ICP-MS) method	E
ISO 22000:2018	es es <sup>2</sup>	Food safety management systems — Requirements for any organization in the food chain	F
<b>TC 35</b>		<b>Paints and varnishes</b>	
ISO 150:2018	en fr	Raw, refined and boiled linseed oil for paints and varnishes — Specifications and methods of test	B
ISO 3681:2018	en fr	Binders for paints and varnishes — Determination of saponification value — Titrimetric method	B
ISO 4619:2018	en fr	Driers for paints and varnishes	D

ISO 2812-2:2018	en fr	Paints and varnishes — Determination of resistance to liquids — Part 2: Water immersion method	A
ISO 11126-8:2018	en <sup>2</sup>	Preparation of steel substrates before application of paints and related products — Specifications for non-metallic blast-cleaning abrasives — Part 8: Olivine	A
<b>TC 38</b>		<b>Textiles</b>	
ISO 1833-20:2018	en fr	Textiles — Quantitative chemical analysis — Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide)	A
ISO 10325:2018	fr <sup>1</sup>	Fibre ropes — High modulus polyethylene — 8-strand braided ropes, 12-strand braided ropes and covered ropes	A
ISO 18692-1:2018	en fr	Fibre ropes for offshore stationkeeping — Part 1: General specification	F
ISO 20932-1:2018	en	Textiles — Determination of the elasticity of fabrics — Part 1: Strip tests	C
ISO 20932-2:2018	en	Textiles — Determination of the elasticity of fabrics — Part 2: Multiaxial tests	C
ISO 20932-3:2018	en	Textiles — Determination of the elasticity of fabrics — Part 3: Narrow fabrics	C
<b>TC 39</b>		<b>Machine tools</b>	
ISO 19085-10:2018	en <sup>2</sup> fr <sup>2</sup>	Woodworking machines — Safety — Part 10: Building site saws (contractor saws)	E
<b>TC 41</b>		<b>Pulleys and belts (including veebelts)</b>	
ISO 5289:2018	en fr	Agricultural machinery — Endless hexagonal belts and groove sections of corresponding pulleys	B
ISO 21183-2:2018	en fr	Light conveyor belts — Part 2: List of equivalent terms	C
<b>TC 42</b>		<b>Photography</b>	
ISO 18948:2018	en	Imaging materials — Photo books — Test methods for permanence and durability	E
<b>TC 43</b>		<b>Acoustics</b>	
ISO 7779:2018	en fr	Acoustics — Measurement of airborne noise emitted by information technology and telecommunications equipment	G
ISO 17201-1:2018	en fr	Acoustics — Noise from shooting ranges — Part 1: Determination of muzzle blast by measurement	F
ISO 9053-1:2018	en fr	Acoustics — Determination of airflow resistance — Part 1: Static airflow method	B
ISO 20189:2018	en	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements	E

<b>TC 46</b>		<b>Information and documentation</b>	
ISO/TR 21946:2018	en	Information and documentation — Appraisal for managing records	C
<b>TC 58</b>		<b>Gas cylinders</b>	
ISO 21172-1:2015/Amd 1:2018	en fr	Gas cylinders — Welded steel pressure drums up to 3 000 litres capacity for the transport of gases — Design and construction — Part 1: Capacities up to 1 000 litres — Amendment 1	XZ
<b>TC 59</b>		<b>Buildings and civil engineering works</b>	
ISO 16739-1:2018	en	Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries — Part 1: Data schema	H
<b>TC 61</b>		<b>Plastics</b>	
ISO/TR 18486:2018	en	Plastics — Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance	B
ISO 4612:2018	en fr	Plastics — Preparation of PVC pastes for test purposes — Planetary-mixer method	A
ISO 527-3:2018	en fr	Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets	B
ISO 11502:2018	en fr	Plastics — Film and sheeting — Determination of blocking resistance	B
ISO 20337:2018	en	Fibre-reinforced plastic composites — Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus	B
<b>TC 67</b>		<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>	
ISO 19277:2018	en	Petroleum, petrochemical and natural gas industries — Qualification testing and acceptance criteria for protective coating systems under insulation	E
ISO 20088-3:2018	en	Determination of the resistance to cryogenic spillage of insulation materials — Part 3: Jet release	D
<b>TC 71</b>		<b>Concrete, reinforced concrete and pre-stressed concrete</b>	
ISO 21022:2018	en	Test method for fibre-reinforced cementitious composites — Load-deflection curve using circular plates	C
<b>TC 79</b>		<b>Light metals and their alloys</b>	
ISO 3211:2018	en fr	Anodizing of aluminium and its alloys — Assessment of resistance of anodic oxidation coatings to cracking by deformation	A
ISO 8994:2018	en fr	Anodizing of aluminium and its alloys — Rating system for the evaluation of pitting corrosion — Grid method	A
<b>TC 82</b>		<b>Mining</b>	

ISO 19296:2018	en fr	Mining — Mobile machines working underground — Machine safety	F
<b>TC 84</b>		<b>Devices for administration of medicinal products and catheters</b>	
ISO 7886-4:2018	en fr	Sterile hypodermic syringes for single use — Part 4: Syringes with re-use prevention feature	B
<b>TC 85</b>		<b>Nuclear energy, nuclear technologies, and radiological protection</b>	
ISO 12807:2018	fr <sup>1</sup>	Safe transport of radioactive materials — Leakage testing on packages	H
ISO 18315:2018	en	Nuclear energy — Guidance to the evaluation of measurement uncertainties of impurity in uranium solution by linear regression analysis	C
<b>TC 92</b>		<b>Fire safety</b>	
ISO/TS 19021:2018	fr <sup>1</sup>	Test method for determination of gas concentrations in ISO 5659-2 using Fourier transform infrared spectroscopy	D
ISO 21925-1:2018	en	Fire resistance tests — Fire dampers for air distribution systems — Part 1: Mechanical dampers	F
<b>TC 94</b>		<b>Personal safety -- Personal protective equipment</b>	
ISO 18639-4:2018	en	PPE ensembles for firefighters undertaking specific rescue activities — Part 4: Gloves	D
ISO 18640-2:2018	fr <sup>1</sup>	Protective clothing for firefighters — Physiological impact — Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters	C
<b>TC 96</b>		<b>Cranes</b>	
ISO 20332:2016	en <sup>2</sup> fr <sup>2</sup>	Cranes — Proof of competence of steel structures	H
<b>TC 104</b>		<b>Freight containers</b>	
ISO 1496-2:2018	en	Series 1 freight containers — Specification and testing — Part 2: Thermal containers	F
ISO 1496-5:2018	en	Series 1 freight containers — Specification and testing — Part 5: Platform and platform-based containers	E
<b>TC 106</b>		<b>Dentistry</b>	
ISO 7405:2018	en <sup>2</sup>	Dentistry — Evaluation of biocompatibility of medical devices used in dentistry	F
<b>TC 107</b>		<b>Metallic and other inorganic coatings</b>	
ISO 6158:2018	en	Metallic and other inorganic coatings — Electrodeposited coatings of chromium for engineering purposes	C
<b>TC 108</b>		<b>Mechanical vibration, shock and condition monitoring</b>	
ISO 16063-44:2018	en	Methods for the calibration of vibration and shock transducers — Part 44: Calibration of	

		field vibration calibrators	B
<b>TC 113</b>		<b>Hydrometry</b>	
ISO 1070:2018	en fr	Hydrometry — Slope-area method	E
<b>TC 114</b>		<b>Horology</b>	
ISO 10553:2018	en	Horology — Procedure for evaluating the accuracy of quartz watches	C
<b>TC 118</b>		<b>Compressors and pneumatic tools, machines and equipment</b>	
ISO/TR 20571:2018	fr <sup>1</sup>	Dynaload — Design and construction — Use and maintenance	E
<b>TC 119</b>		<b>Powder metallurgy</b>	
ISO 3923-1:2018	fr <sup>1</sup>	Metallic powders — Determination of apparent density — Part 1: Funnel method	A
<b>TC 120</b>		<b>Leather</b>	
ISO 11457:2018	en	Leather — Grading of wet blue goat and sheep skins based on defects	A
<b>TC 121</b>		<b>Anaesthetic and respiratory equipment</b>	
ISO 81060-2:2018	en fr	Non-invasive sphygmomanometers — Part 2: Clinical investigation of intermittent automated measurement type	F
<b>TC 122</b>		<b>Packaging</b>	
ISO 17480:2015	fr <sup>1</sup>	Packaging — Accessible design — Ease of opening	F
ISO 20848-3:2018	en	Packaging — Plastics drums — Part 3: Plug bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l	D
ISO 21976:2018	en	Packaging — Tamper verification features for medicinal product packaging	C
<b>TC 126</b>		<b>Tobacco and tobacco products</b>	
ISO 21160:2018	en fr	Cigarettes — Determination of selected carbonyls in the mainstream smoke of cigarettes — Method using high performance liquid chromatography	C
ISO 21330:2018	en fr	Cigarettes — Determination of selected volatile organic compounds in the mainstream smoke of cigarettes — Method using GC/MS	C
<b>TC 130</b>		<b>Graphic technology</b>	
ISO 20294:2018	en	Graphic technology — Quantification and communication for calculating the carbon footprint of e-media	E
<b>TC 131</b>		<b>Fluid power systems</b>	

ISO 18582-2:2018	en	Fluid power — Specification of reference dictionary — Part 2: Definitions of classes and properties of pneumatics	H
ISO 16889:2008/Amd 1:2018	en fr	Hydraulic fluid power — Filters — Multi-pass method for evaluating filtration performance of a filter element — Amendment 1	XZ
ISO 16589-1:2011/Amd 1:2018	en	Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 1: Nominal dimensions and tolerances — Amendment 1	XZ
ISO/TR 22165:2018	en	Pneumatic fluid power — Application notes for the improvement of the energy efficiency of pneumatic systems	A
<b>TC 133</b>		<b>Clothing sizing systems - size designation, size measurement methods and digital fittings</b>	
ISO 8559-3:2018	en fr	Size designation of clothes — Part 3: Methodology for the creation of body measurement tables and intervals	D
<b>TC 135</b>		<b>Non-destructive testing</b>	
ISO 20769-2:2018	fr <sup>1</sup>	Non-destructive testing — Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays — Part 2: Double wall radiographic inspection	E
<b>TC 138</b>		<b>Plastics pipes, fittings and valves for the transport of fluids</b>	
ISO 13257:2018	en fr	Thermoplastics piping systems for non-pressure applications — Test method for resistance to elevated temperature cycling	B
ISO/TS 15874-7:2018	en	Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 7: Guidance for the assessment of conformity	C
ISO/TS 15875-7:2018	en	Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 7: Guidance for the assessment of conformity	C
ISO/TS 15876-7:2018	en	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 7: Guidance for the assessment of conformity	C
ISO/TS 15877-7:2018	en	Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 7: Guidance for the assessment of conformity	C
ISO/TS 22391-7:2018	en	Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 7: Guidance for the assessment of conformity	C
<b>TC 142</b>		<b>Cleaning equipment for air and other gases</b>	
ISO 21083-1:2018	en fr	Test method to measure the efficiency of air filtration media against spherical nano-materials — Part 1: Size range from 20 nm to 500 nm	G
<b>TC 146</b>		<b>Air quality</b>	
ISO 28902-3:2018	en fr	Air quality — Environmental meteorology — Part 3: Ground-based remote sensing of wind by continuous-wave Doppler lidar	D
ISO 16000-23:2018	en fr	Indoor air — Part 23: Performance test for evaluating the reduction of formaldehyde and other carbonyl compounds concentrations by sorptive building materials	E
ISO 16000-24:2018	en	Indoor air — Part 24: Performance test for evaluating the reduction of volatile organic	



	fr	compound concentrations by sorptive building materials	D
<b>TC 147</b>		<b>Water quality</b>	
ISO 9697:2018	en fr	Water quality — Gross beta activity — Test method using thick source	B
ISO 11704:2018	en fr	Water quality — Gross alpha and gross beta activity — Test method using liquid scintillation counting	D
<b>TC 156</b>		<b>Corrosion of metals and alloys</b>	
ISO 7539-6:2018	en <sup>2</sup> fr <sup>2</sup>	Corrosion of metals and alloys — Stress corrosion testing — Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement	F
ISO 21153:2018	en fr	Corrosion of metals and alloys — Measurement of environmentally assisted small crack growth rate	C
<b>TC 158</b>		<b>Analysis of gases</b>	
ISO 6145-7:2018	en fr	Gas analysis — Preparation of calibration gas mixtures using dynamic methods — Part 7: Thermal mass-flow controllers	C
ISO 14167:2018	en fr	Gas analysis — General quality aspects and metrological traceability of calibration gas mixtures	D
<b>TC 159</b>		<b>Ergonomics</b>	
ISO 9241-306:2018	fr <sup>1</sup>	Ergonomics of human-system interaction — Part 306: Field assessment methods for electronic visual displays	G
ISO 9241-500:2018	en fr	Ergonomics of human-system interaction — Part 500: Ergonomic principles for the design and evaluation of environments of interactive systems	B
<b>TC 165</b>		<b>Timber structures</b>	
ISO 12122-5:2018	en	Timber structures — Determination of characteristic values — Part 5: Mechanical connections	C
<b>TC 171</b>		<b>Document management applications</b>	
ISO/TR 22299:2018	en	Document management — Digital file format recommendations for long-term storage	B
<b>TC 172</b>		<b>Optics and photonics</b>	
ISO 9211-5:2018	en fr	Optics and photonics — Optical coatings — Part 5: Minimum requirements for antireflecting coatings	A
ISO 9211-6:2018	fr <sup>1</sup>	Optics and photonics — Optical coatings — Part 6: Minimum requirements for reflecting coatings	A
ISO 12123:2018	en fr	Optics and photonics — Specification of raw optical glass	D
ISO 17123-9:2018	en	Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 9: Terrestrial laser scanners	F

ISO 11979-1:2018	en fr	Ophthalmic implants — Intraocular lenses — Part 1: Vocabulary	A
ISO 11145:2018	en fr	Optics and photonics — Lasers and laser-related equipment — Vocabulary and symbols	D
ISO 13694:2018	en fr	Optics and photonics — Lasers and laser-related equipment — Test methods for laser beam power (energy) density distribution	C
<b>TC 180</b>		<b>Solar energy</b>	
ISO 9060:2018	en	Solar energy — Specification and classification of instruments for measuring hemispherical solar and direct solar radiation	C
<b>TC 181</b>		<b>Safety of toys</b>	
ISO 8124-6:2018	en	Safety of toys — Part 6: Certain phthalate esters in toys and children's products	E
<b>TC 182</b>		<b>Geotechnics</b>	
ISO 17892-10:2018	en	Geotechnical investigation and testing — Laboratory testing of soil — Part 10: Direct shear tests	D
<b>TC 185</b>		<b>Safety devices for protection against excessive pressure</b>	
ISO 4126-2:2018	en fr	Safety devices for protection against excessive pressure — Part 2: Bursting disc safety devices	D
<b>TC 190</b>		<b>Soil quality</b>	
ISO 15175:2018	en fr	Soil quality — Characterization of contaminated soil related to groundwater protection	F
ISO 16133:2018	en fr	Soil quality — Guidance on the establishment and maintenance of monitoring programmes	B
<b>TC 193</b>		<b>Natural gas</b>	
ISO 15112:2018	en fr	Natural gas — Energy determination	G
<b>TC 194</b>		<b>Biological and clinical evaluation of medical devices</b>	
ISO 10993-1:2018	en <sup>2</sup> fr <sup>2</sup>	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process	F
<b>TC 197</b>		<b>Hydrogen technologies</b>	
ISO 19882:2018	en	Gaseous hydrogen — Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers	E
<b>TC 198</b>		<b>Sterilization of health care products</b>	
ISO 11137-1:2006/Amd 2:2018	en fr	Sterilization of health care products — Radiation — Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices — Amendment 2: Revision to 4.3.4 and 11.2	XZ

ISO 15883-4:2018	en fr	Washer-disinfectors — Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes	H
<b>TC 201</b>		<b>Surface chemical analysis</b>	
ISO 13084:2018	en	Surface chemical analysis — Secondary ion mass spectrometry — Calibration of the mass scale for a time-of-flight secondary ion mass spectrometer	C
ISO 16129:2018	en	Surface chemical analysis — X-ray photoelectron spectroscopy — Procedures for assessing the day-to-day performance of an X-ray photoelectron spectrometer	C
<b>TC 204</b>		<b>Intelligent transport systems</b>	
ISO 14819-1:2013	fr <sup>1</sup>	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 1: Coding protocol for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C	F
ISO 14819-3:2013	fr <sup>1</sup>	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 3: Location referencing for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C	G
ISO 16407-2:2018	en	Electronic fee collection — Evaluation of equipment for conformity to ISO 17575-1 — Part 2: Abstract test suite	B
ISO 16410-2:2018	en fr	Electronic fee collection — Evaluation of equipment for conformity to ISO 17575-3 — Part 2: Abstract test suite	B
ISO/TS 21219-26:2018	en	Intelligent transport systems — Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) — Part 26: Vigilance location information (TPEG2-VLI)	D
<b>TC 206</b>		<b>Fine ceramics</b>	
ISO 17167:2018	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Mechanical properties of monolithic ceramics at room temperature — Determination of flexural strength by the ring-on-ring test	C
<b>TC 207</b>		<b>Environmental management</b>	
ISO 14052:2017	fr <sup>1</sup>	Environmental management — Material flow cost accounting — Guidance for practical implementation in a supply chain	C
<b>TC 210</b>		<b>Quality management and corresponding general aspects for medical devices</b>	
ISO 80369-1:2018	en	Small-bore connectors for liquids and gases in healthcare applications — Part 1: General requirements	E
<b>TC 212</b>		<b>Clinical laboratory testing and in vitro diagnostic test systems</b>	
ISO 20166-1:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue — Part 1: Isolated RNA	D
ISO 20166-2:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examinations processes for formalin-fixed and paraffin-embedded (FFPE) tissue — Part 2: Isolated proteins	D
ISO 20184-1:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for frozen tissue — Part 1: Isolated RNA	D
ISO 20184-2:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for frozen tissue — Part 2: Isolated proteins	C

<b>TC 213</b>		<b>Dimensional and geometrical product specifications and verification</b>	
ISO 14978:2018	en fr	Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment	F
<b>TC 215</b>		<b>Health informatics</b>	
ISO/TS 22835:2018	en	Health informatics — Information model of combination of decoction pieces in Chinese medicines	A
<b>TC 219</b>		<b>Floor coverings</b>	
ISO 20326:2016	fr <sup>1</sup>	Resilient floor coverings — Specification for floor panels/assembly for loose laying	C
ISO 24342:2018	en fr	Resilient and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles	B
<b>TC 221</b>		<b>Geosynthetics</b>	
ISO 13438:2018	en fr	Geosynthetics — Screening test method for determining the resistance of geotextiles and geotextile-related products to oxidation	B
<b>TC 228</b>		<b>Tourism and related services</b>	
ISO 21426:2018	en fr	Tourism and related services — Medical spas — Service requirements	E
<b>TC 251</b>		<b>Asset management</b>	
ISO 55002:2018	en fr	Asset management — Management systems — Guidelines for the application of ISO 55001	G
<b>TC 256</b>		<b>Pigments, dyestuffs and extenders</b>	
ISO 18314-1:2015	fr <sup>1</sup>	Analytical colorimetry — Part 1: Practical colour measurement	A
ISO 18314-2:2015	fr <sup>1</sup>	Analytical colorimetry — Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, hiding power	C
ISO 18314-3:2015	fr <sup>1</sup>	Analytical colorimetry — Part 3: Special indices	A
ISO 18473-1:2015	fr <sup>1</sup>	Functional pigments and extenders for special applications — Part 1: Nanoscale calcium carbonate for sealant application	A
ISO 18473-2:2015	fr <sup>1</sup>	Functional pigments and extenders for special applications — Part 2: Nanoscale titanium dioxide for sunscreen application	A
<b>TC 281</b>		<b>Fine bubble technology</b>	
ISO 20298-1:2018	en	Fine bubble technology — Sampling and sample preparation for measurement — Part 1: Ultrafine bubble dispersion in water	B
ISO 20480-2:2018	en	Fine bubble technology — General principles for usage and measurement of fine bubbles	

		— Part 2: Categorization of the attributes of fine bubbles	B
<b>TC 282</b>		<b>Water reuse</b>	
ISO 20469:2018	en	Guidelines for water quality grade classification for water reuse	A
<b>TC 292</b>		<b>Security and resilience</b>	
ISO 22320:2018	en	Security and resilience — Emergency management — Guidelines for incident management	D
ISO 22382:2018	fr <sup>1</sup>	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for the content, security, issuance and examination of excise tax stamps	E
<b>TC 301</b>		<b>Energy management and energy savings</b>	
ISO/TS 50008:2018	en	Energy management and energy savings — Building energy data management for energy performance — Guidance for a systemic data exchange approach	C
<b>CASCO</b>		<b>Committee on conformity assessment</b>	
ISO/IEC TS 17021-11:2018	en	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 11: Competence requirements for auditing and certification of facility management (FM) management systems	A
<b>JTC 1</b>		<b>Information technology</b>	
ISO/IEC 30118-1:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 1: Core specification	H
ISO/IEC 30118-2:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 2: Security specification	H
ISO/IEC 30118-3:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 3: Bridging specification	G
ISO/IEC 30118-4:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 4: Resource type specification	H
ISO/IEC 30118-5:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 5: Smart home device specification	C
ISO/IEC 30118-6:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 6: Resource to AllJoyn interface mapping specification	H
ISO/IEC/IEEE 8802-21:2018/Cor 1:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 21: Media independent services framework — Technical Corrigendum 1: Clarification of parameter definition in group session key derivation	free
ISO/IEC 26553:2018	en	Information technology — Software and systems engineering — Tools and methods for product line realization	G
ISO/IEC 26554:2018	en	Information technology — Software and systems engineering — Tools and methods for product line testing	G
ISO/IEC 26556:2018	en	Information technology — Software and systems engineering — Tools and methods for product line organizational management	G

ISO/IEC/IEEE 29148:2018	en	Systems and software engineering — Life cycle processes — Requirements engineering	H
ISO/IEC/IEEE 90003:2018	en	Software engineering — Guidelines for the application of ISO 9001:2015 to computer software	G
ISO/IEC 1539-1:2018	en	Information technology — Programming languages — Fortran — Part 1: Base language	H
ISO/IEC TS 19570:2018	en	Programming Languages — Technical Specification for C++ Extensions for Parallelism	F
ISO/IEC 14888-3:2018	en	IT Security techniques — Digital signatures with appendix — Part 3: Discrete logarithm based mechanisms	H
ISO/IEC 20889:2018	en	Privacy enhancing data de-identification terminology and classification of techniques	F
ISO/IEC 21878:2018	en	Information technology — Security techniques — Security guidelines for design and implementation of virtualized servers	D
ISO/IEC 29101:2018	en	Information technology — Security techniques — Privacy architecture framework	F
ISO/IEC 29112:2018	en	Information technology — Office equipment — Test pages and methods for measuring monochrome printer resolution	H
ISO/IEC 14496-5:2001/Amd 43:2018	en	Information technology — Coding of audio-visual objects — Part 5: Reference software — Amendment 43: New levels of ALS simple profile, SBR enhancements	XZ
ISO/IEC 14496-14:2018	en	Information technology — Coding of audio-visual objects — Part 14: MP4 file format	C
ISO/IEC 14496-30:2018	en	Information technology — Coding of audio-visual objects — Part 30: Timed text and other visual overlays in ISO base media file format	C
ISO/IEC 29167-22:2018	en	Information technology — Automatic identification and data capture techniques — Part 22: Crypto suite SPECK security services for air interface communications	F
ISO/IEC 29138-1:2018	en	Information technology — User interface accessibility — Part 1: User accessibility needs	H
ISO/IEC 20000-10:2018	fr <sup>1</sup>	Information technology — Service management — Part 10: Concepts and vocabulary	E

---

# Standards confirmed

---

The following International Standards are confirmed for a five year period:

<b>TC 2</b>	<b>Fasteners</b>
ISO 1234:1997	(reconfirmed)
ISO 2338:1997	(reconfirmed)
ISO 8733:1997	(reconfirmed)
ISO 16582:2002	(reconfirmed)
ISO 16584:2002	(reconfirmed)
ISO 16585:2002	(reconfirmed)
ISO 8992:2005	(reconfirmed)
ISO 16426:2002	(reconfirmed)
ISO 898-1:2013	
ISO 2342:2003	(reconfirmed)
ISO 4026:2003	(reconfirmed)
ISO 4027:2003	(reconfirmed)
ISO 4028:2003	(reconfirmed)
ISO 4029:2003	(reconfirmed)
ISO 4762:2004	(reconfirmed)
ISO 16047:2005	(reconfirmed)
<b>TC 4</b>	<b>Rolling bearings</b>
ISO 2982-1:2013	
ISO 2982-2:2013	
<b>TC 6</b>	<b>Paper, board and pulps</b>
ISO 11093-4:2016	
<b>TC 8</b>	<b>Ships and marine technology</b>
ISO 8277:2013	
<b>TC 20</b>	<b>Aircraft and space vehicles</b>
ISO 244:1979	(reconfirmed)
ISO 268:1980	(reconfirmed)
ISO 1971:1975	(reconfirmed)
ISO 2669:1995	(reconfirmed)

ISO 7137:1995	(reconfirmed)
ISO 9736:2000	(reconfirmed)
ISO 9737:2000	(reconfirmed)
ISO 9738:2000	(reconfirmed)
ISO 9747:2000	(reconfirmed)
ISO 9748:2000	(reconfirmed)
ISO 9749:2000	(reconfirmed)
ISO 9757:2000	(reconfirmed)
ISO 9758:2000	(reconfirmed)
ISO 9759:2000	(reconfirmed)
ISO 9760:2000	(reconfirmed)
ISO 9761:2000	(reconfirmed)
ISO 9762:2000	(reconfirmed)
ISO 12:1987	(reconfirmed)
ISO 16031-1:2002	(reconfirmed)
<b>TC 22</b>	<b>Road vehicles</b>
ISO 3560:2013	
<b>TC 38</b>	<b>Textiles</b>
ISO 13934-1:2013	
<b>TC 43</b>	<b>Acoustics</b>
ISO 1999:2013	
ISO 11904-1:2002	(reconfirmed)
ISO 4871:1996	(reconfirmed)
ISO 7235:2003	(reconfirmed)
ISO 9614-1:1993	(reconfirmed)
ISO 9614-2:1996	(reconfirmed)
ISO 9614-3:2002	(reconfirmed)
ISO 9645:1990	(reconfirmed)
ISO 10843:1997	(reconfirmed)
ISO 10847:1997	(reconfirmed)
ISO 13473-2:2002	(reconfirmed)
ISO 13473-3:2002	(reconfirmed)
ISO 17497-1:2004	(reconfirmed)
<b>TC 44</b>	<b>Welding and allied processes</b>
ISO 9012:2008	(reconfirmed)
ISO 10225:2013	
ISO 14113:2013	



ISO 15615:2013	
<b>TC 45</b>	<b>Rubber and rubber products</b>
ISO 1629:2013	
ISO 4650:2012	
ISO 15113:2005	(reconfirmed)
ISO 3386-1:1986	(reconfirmed)
ISO 3386-2:1997	(reconfirmed)
ISO 5892:2013	
ISO 6123-3:1985	(reconfirmed)
ISO 6453:1985	(reconfirmed)
ISO 7617-2:2003	(reconfirmed)
ISO 7617-3:1988	(reconfirmed)
ISO 8096:2005	(reconfirmed)
ISO 9691:1992	(reconfirmed)
ISO 23711:2003	(reconfirmed)
<b>TC 48</b>	<b>Laboratory equipment</b>
ISO 718:1990	(reconfirmed)
ISO 1776:1985	(reconfirmed)
ISO 4785:1997	(reconfirmed)
ISO 4798:1997	(reconfirmed)
ISO 7550:1985	(reconfirmed)
ISO 7713:1985	(reconfirmed)
ISO 12771:1997	(reconfirmed)
ISO 12772:1997	(reconfirmed)
ISO 12775:1997	(reconfirmed)
<b>TC 59</b>	<b>Buildings and civil engineering works</b>
ISO 15928-5:2013	
<b>TC 60</b>	<b>Gears</b>
ISO/TR 14521:2010	
<b>TC 61</b>	<b>Plastics</b>
ISO 8604:1988	(reconfirmed)
ISO 75-2:2013	
ISO 868:2003	(reconfirmed)
ISO 899-2:2003	(reconfirmed)
ISO 1147:1995	(reconfirmed)
ISO 1598:1990	(reconfirmed)
ISO 1599:1990	(reconfirmed)

ISO 1628-4:1999	(reconfirmed)
<b>TC 69</b>	<b>Applications of statistical methods</b>
ISO 3534-3:2013	
<b>TC 93</b>	<b>Starch (including derivatives and by-products)</b>
ISO 11212-1:1997	(reconfirmed)
<b>TC 100</b>	<b>Chains and chain sprockets for power transmission and conveyors</b>
ISO 6971:2002	(reconfirmed)
ISO 6972:2002	(reconfirmed)
ISO 10823:2004	(reconfirmed)
<b>TC 106</b>	<b>Dentistry</b>
ISO 29022:2013	
ISO 6873:2013	
<b>TC 123</b>	<b>Plain bearings</b>
ISO 3548-3:2012	
<b>TC 127</b>	<b>Earth-moving machinery</b>
ISO 6392-1:1996	(reconfirmed)
<b>TC 131</b>	<b>Fluid power systems</b>
ISO/TR 10686:2013	
ISO/TR 15640:2011	
ISO/TR 16386:2014	
<b>TC 146</b>	<b>Air quality</b>
ISO 11041:1996	(reconfirmed)
ISO 11174:1996	(reconfirmed)
ISO 17091:2013	
<b>TC 153</b>	<b>Valves</b>
ISO 5752:1982	(reconfirmed)
<b>TC 160</b>	<b>Glass in building</b>
ISO 11479-1:2011	
ISO 11479-2:2011	
ISO 25537:2008	(reconfirmed)
<b>TC 172</b>	<b>Optics and photonics</b>
ISO 8424:1996	(reconfirmed)
ISO 10629:1996	(reconfirmed)
ISO 10934-1:2002	(reconfirmed)
ISO 10934-2:2007	(reconfirmed)
ISO/TS 18339:2015	

ISO 19012-1:2013	
ISO 19012-2:2013	
<b>TC 190</b>	<b>Soil quality</b>
ISO 16772:2004	(reconfirmed)
ISO 17380:2013	
<b>TC 211</b>	<b>Geographic information/Geomatics</b>
ISO 19123:2005	(reconfirmed)
ISO 19152:2012	
<b>TC 215</b>	<b>Health informatics</b>
ISO/IEEE 11073-10101:2004	(reconfirmed)
ISO/IEEE 11073-10201:2004	(reconfirmed)
ISO/IEEE 11073-10406:2012	
ISO/IEEE 11073-10420:2012	
ISO/IEEE 11073-10421:2012	
ISO/IEEE 11073-10472:2012	
ISO/IEEE 11073-20101:2004	(reconfirmed)
ISO/IEEE 11073-30200:2004	(reconfirmed)
ISO/IEEE 11073-30400:2012	
ISO 13119:2012	
ISO/TS 18790-1:2015	
ISO 21091:2013	
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC 7816-2:2007	(reconfirmed)
ISO/IEC 10967-1:2012	
ISO/IEC TS 18661-1:2014	
ISO/IEC TS 18661-2:2015	
ISO/IEC TS 18822:2015	
ISO/IEC 9798-5:2009	
ISO/IEC 15816:2002	(reconfirmed)
ISO/IEC 15945:2002	(reconfirmed)
ISO/IEC 27033-3:2010	
ISO/IEC 29191:2012	
ISO/IEC TS 30104:2015	
ISO/IEC 19794-11:2013	

---

# Standards withdrawn

---

Period from 01 November to 30 November 2018

<b>TC 8</b>	<b>Ships and marine technology</b>
ISO 3935:1977	(replaced by )
<b>TC 22</b>	<b>Road vehicles</b>
ISO 3984:2004	(replaced by )
<b>TC 29</b>	<b>Small tools</b>
ISO 4203:1978	(replaced by )
ISO 4208:1977	(replaced by )
<b>TC 34</b>	<b>Food products</b>
ISO 21807:2004	(replaced by ISO 18787:2017)
<b>TC 43</b>	<b>Acoustics</b>
ISO 9053:1991	(replaced by ISO 9053-1:2018)
<b>TC 92</b>	<b>Fire safety</b>
ISO 10294-1:1996	(replaced by ISO 21925-1:2018)
ISO 10294-2:1999	(replaced by ISO 21925-1:2018)
ISO 10294-3:1999	(replaced by ISO 21925-1:2018)
ISO 10294-4:2001	(replaced by ISO 21925-1:2018)
<b>TC 112</b>	<b>Vacuum technology</b>
ISO 5302:2003	(replaced by )
<b>TC 131</b>	<b>Fluid power systems</b>
ISO/TR 16144:2002	(replaced by )
<b>TC 158</b>	<b>Analysis of gases</b>
ISO/TS 14167:2003	(replaced by ISO 14167:2018)
<b>TC 182</b>	<b>Geotechnics</b>
ISO/TS 17892-10:2004	(replaced by ISO 17892-10:2018)
<b>TC 197</b>	<b>Hydrogen technologies</b>
ISO/TS 15869:2009	(replaced by )
<b>TC 204</b>	<b>Intelligent transport systems</b>
ISO/TS 16407-2:2012	(replaced by ISO 16407-2:2018)
ISO/TS 16410-2:2012	(replaced by ISO 16410-2:2018)

<b>TC 211</b>	<b>Geographic information/Geomatics</b>
ISO 19125-2:2004	(replaced by )
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC TR 29138-1:2009	(replaced by ISO/IEC 29138-1:2018)
ISO/IEC TS 29112:2012	(replaced by ISO/IEC 29112:2018)
ISO/IEC 29173-1:2012	(replaced by )
ISO/IEC 29175:2012	(replaced by )
ISO/IEC 29176:2011	(replaced by )
ISO/IEC 29177:2016	(replaced by )
ISO/IEC 29178:2012	(replaced by )
ISO/IEC 29179:2012	(replaced by )

---

## Meeting calendar

---

The meeting calendar is available at

<https://www.iso.org/meeting-calendar.html>

--	--